

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number  
**WO 2005/017090 A1**

- (51) International Patent Classification<sup>7</sup>: **C12H 001/00**
- (21) International Application Number:  
PCT/US2003/023309
- (22) International Filing Date: 24 July 2003 (24.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant (*for all designated States except US*):  
**CARGILL, INCORPORATED** [US/US]; 15407  
McGinty Road West, Wayzata, MN 55391 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **VAN DE SYPE**,  
John [BE/BE]; Louis De Meesterstraat 19, B-9890 Sem-  
merzake (BE). **HEIRMAN, Marc** [BE/BE]; Vlaskouter 6,  
B-8500 Kortrijk (BE).
- (74) Agent: **MALILAY, Grace, P.**; Cargill, Incorporated,  
15407 McGinty Road West, Wayzata, MN 55391 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,  
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— *with international search report*
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: FOOD COMPOSITION

(57) Abstract: There are disclosed compositions containing specified lecithins that are suitable for many applications, particularly as a calf milk replacer.



**WO 2005/017090 A1**